



UNITED M3 UNIQUE

Product Description:

United M3 Unique Fully Synthetic Engine Oil is formulated using Polyalphaolefins (PAO) and unique synthetic base oil fortified with advanced high performance additive that could significantly enhance the long term oxidation stability and stay-in-grade viscosity performance of extended drain interval for gasoline and diesel engine oils, in particular for Volkswagen TDI direct injection engine fitted with pump injector. In spite of this , it has also provided with emissions and noise emissions reducing properties. Ultimately, United M3 Unique Fully Synthetic Engine Oil will give rise to more efficient engine performance by reducing friction that helps in energy conserving.

United M3 Unique Fully Synthetic Engine Oil is ideal for modern high-output, low-emission, super or turbo-charged DOHC or GDI engines that are commonly found in the latest European and Japanese models.

Applications / Benefits:

- ☐ A natural High Viscosity Index and low volatility allow super fluidity over a wide range of temperatures and operating conditions.
- ☐ Better detergency, reduced wear. Improves engine performance, yet energy conserving.
- ☐ Reduced friction particularly during cold starts and ensuring better lubrication of the engine components.
- ☐ Excellent anti-oxidation property protects against rust and corrosion, and extends drain interval.
- ☐ Wear protection and extended service life.

Typical Characteristics:

Test Description	Method	
SAE Viscosity Grade	SAE J 300	5W30
Specific Gravity @ 15 °C	ASTM D 4052	0.848
Flash Point, °C	ASTM D 92	214
Pour Point , °C	ASTM D 97	-39
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	69.9
cSt @ 100°C	ASTM D 445	11.9
Viscosity Index	ASTM D 2270	167
TBN, mgKOH/g	ASTM D 2896	10.2
Color	ASTM D 1500	3.5
CCS, cP	ASTM D 5293	≤6600
HTHS, cP	ASTM D 5481	≥3.5

Specifications, Approvals & Recommendations:

- API SP *
- API SL
- ACEA A3/B3
- ACEA A3/B4
- MB 229.3
- MB 229.5
- MB 226.5
- Renault RN 0710/0700
- VW 502.00 / 505.00

* API SP capable but not licensable (phosphorus limit)